

CLAIMS

What is claimed is:

- 1 1. A method of managing file extensions in a digital processing system with a
2 user interface and a plurality of files, each file having a name that comprises a
3 filename and an extension, said method comprising:
4 associating a file with an indicator which is user selectable for a single file in
5 the plurality of files in said digital processing system and which
6 indicates how to display an extension of the file;
7 displaying a displayed name of the file in the user interface in a style
8 determined by said indicator.
- 1 2. A method as in claim 1 wherein the style is such that the displayed name
2 contains the extension of the file only when said indicator is for showing the
3 extension of the file.
- 1 3. A method as in claim 2 wherein said indicator is a bit, a file, an entry in a file,
2 or an entry in a database, wherein said indicator in one state indicates hiding
3 the extension and said indicator in another state indicates showing the
4 extension.
- 1 4. A method as in claim 3 wherein if the file is newly created with an
2 automatically appended extension, then said indicator is set to hide the
3 extension of the file in the user interface.

- 1 5. A method as in claim 3 further comprising:
2 updating said indicator in response to an input event.
- 1 6. A method as in claim 5 wherein the input event is that a new name is specified
2 in the user interface for the file.
- 1 7. A method as in claim 6 wherein if the new name contains no extension, then
2 said indicator is set to hide the extension of the file in the user interface.
- 1 8. A method as in claim 7 wherein only the filename of the file is replaced by the
2 new name so that the extension of the file is not changed.
- 1 9. A method as in claim 6 wherein if the new name contains no extension and
2 the extension of the file is an empty string, then said indicator is set to a state
3 that takes a minimum amount of memory to store said state.
- 1 10. A method as in claim 6 wherein if the new name comprising an extension and
2 a filename, then said indicator is set to show the extension of the file in the
3 user interface.
- 1 11. A method as in claim 10 wherein the filename of the file and the extension of
2 the file are replaced by the filename of the new name and the extension of the
3 new name.

1 12. A method as in claim 3 further comprising:
2 detecting if a first file that has a first filename and a first extension has a
3 naming conflict with a second file that has a second filename and a
4 second extension, wherein said first file has a first displayed name in
5 the user interface and said second file has a second displayed name in
6 the user interface.

1 13. A method as in claim 12 wherein if the first displayed name is the same as the
2 second displayed name, then a naming conflict is detected.

1 14. A method as in claim 12 wherein if the first filename and the first extension
2 are the same as the second filename and the second extension, then a naming
3 conflict is detected.

4 15. A method as in claim 1 further comprising:
5 exporting both the filename of the file and the extension of the file to a remote
6 system when the file is transferred to the remote system.

1 16. A method as in claim 15 further comprising:
2 exporting said indicator to the remote system when the file is transferred to
3 the remote system.

1 17. A method as in claim 1 further comprising:

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2 importing both the filename of the file and the extension of the file from a
3 remote system when the file is transferred from the remote system.

1 18. A method as in claim 17 further comprising:
2 importing said indicator from the remote system when the file is transferred
3 from the remote system.

1 19. A method comprising:
2 detecting a conflict in naming a first file and a second file in a file container in
3 a digital processing system with a user interface, said first file having a
4 first extension and a first filename, said second file having a second
5 extension and a second filename, wherein said first file has a first
6 indicator which is specific for said first file and which indicates the
7 first extension is displayed in the user interface in a first style using a
8 first displayed name and said second file has a second indicator which
9 indicates the second extension is displayed in the user interface in a
10 second style using a second displayed name.

1 20. A method as in claim 19 wherein if the first displayed name is the same as the
2 second displayed name, then a conflict is detected.

1 21. A method as in claim 19 wherein if the first filename and the first extension
2 are the same as the second filename and the second extension, then a conflict
3 is detected.

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1 25. A media as in claim 24 wherein if the file is newly created with an
2 automatically appended extension, then said indicator is set to hide the
3 extension of the file in the user interface.

- 1 26. A media as in claim 24 wherein the method further comprises:
2 updating said indicator in response to an input event.
- 1 27. A media as in claim 26 wherein the input event is that a new name is specified
2 in the user interface for the file.
- 1 28. A media as in claim 27 wherein if the new name contains no extension, then
2 said indicator is set to hide the extension of the file in the user interface.
- 1 29. A media as in claim 28 wherein only the filename of the file is replaced by the
2 new name so that the extension of the file is not changed.
- 1 30. A media as in claim 27 wherein if the new name contains no extension and the
2 extension of the file is an empty string, then said indicator is set to a state that
3 takes a minimum amount of memory to store said state.
- 1 31. A media as in claim 27 wherein if the new name comprising an extension and
2 a filename, then said indicator is set to show the extension of the file in the
3 user interface.
- 1 32. A media as in claim 31 wherein the filename of the file and the extension of
2 the file are replaced by the filename of the new name and the extension of the
3 new name.

1 38. A media as in claim 22 wherein the method further comprises:

2 importing both the filename of the file and the extension of the file from a
3 remote system when the file is transferred from the remote system.

1 39. A media as in claim 38 wherein the method further comprises:
2 importing said indicator from the remote system when the file is transferred
3 from the remote system.

1 40. A machine readable media for use with a digital processing system which has
2 a user interface and a plurality of files, each file having a name and an
3 extension, said machine readable media containing executable computer
4 program instructions which when executed by said digital processing system
5 causes said system to perform a method comprising:
6 detecting a conflict in naming a first file and a second file in a file container in
7 the digital processing system, said first file having a first extension and
8 a first filename, said second file having a second extension and a
9 second filename, wherein said first file has a first indicator which is
10 specific for said first file and which indicates the first extension is
11 displayed in the user interface in a first style using a first displayed
12 name and said second file has a second indicator which indicates the
13 second extension is displayed in the user interface in a second style
14 using a second displayed name.

1 45. A system as in claim 44 wherein said indicator is a bit, a file, an entry in a file,
2 or an entry in a database, wherein said indicator in one state indicates hiding

3 the extension and said indicator in another state indicates showing the
4 extension.

1 46. A system as in claim 45 wherein if the file is newly created with an
2 automatically appended extension, then said indicator is set to hide the
3 extension of the file in the user interface.

1 47. A system as in claim 45 further comprising:
2 means for updating said indicator in response to an input event.

1 48. A system as in claim 47 wherein the input event is that a new name is
2 specified in the user interface for the file.

1 49. A system as in claim 48 wherein if the new name contains no extension, then
2 said indicator is set to hide the extension of the file in the user interface.

1 50. A system as in claim 49 wherein only the filename of the file is replaced by
2 the new name so that the extension of the file is not changed.

1 51. A system as in claim 48 wherein if the new name contains no extension and
2 the extension of the file is an empty string, then said indicator is set to a state
3 that takes a minimum amount of memory to store said state.

1 52. A system as in claim 48 wherein if the new name comprising an extension and
2 a filename, then said indicator is set to show the extension of the file in the
3 user interface.

1 53. A system as in claim 52 wherein the filename of the file and the extension of
2 the file are replaced by the filename of the new name and the extension of the
3 new name.

1 54. A system as in claim 45 further comprising:
2 means for detecting if a first file that has a first filename and a first extension
3 has a naming conflict with a second file that has a second filename and
4 a second extension, wherein said first file has a first displayed name in
5 the user interface and said second file has a second displayed name in
6 the user interface.

1 55. A system as in claim 54 wherein if the first displayed name is the same as the
2 second displayed name, then a naming conflict is detected.

1 56. A system as in claim 54 wherein if the first filename and the first extension
2 are the same as the second filename and the second extension, then a naming
3 conflict is detected.

1 57. A system as in claim 43 further comprising:

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61. A digital processing system with a user interface and a plurality of files, each file having a name that comprises a filename and an extension, said system comprising:

means for detecting a conflict in naming a first file and a second file in a file container in the digital processing system, said first file having a first extension and a first filename, said second file having a second extension and a second filename, wherein said first file has a first indicator which is specific for said first file and which indicates the

64. A processing system comprising:

- a processor;
- a display device coupled to said processor, said display device displaying a user interface;
- a memory coupled to said processor, said memory storing a plurality of files, each file having a name that comprises a filename and an extension, said memory storing an indicator for a file which is user selectable for a single file in said plurality of files and which indicates how to display an extension associated with the file, said processor displaying a displayed name of said file in said user interface in a style determined by said indicator.

1 65. A processing system as in claim 64 wherein the style is such that the displayed
2 name contains the extension of the file only when said indicator is for
3 showing the extension of the file.

1 66. A processing system as in claim 65 wherein said indicator is a bit, a file, an
2 entry in a file, or an entry in a database, wherein said indicator in one state
3 indicates hiding the extension and said indicator in another state indicates
4 showing the extension.

1 67. A processing system as in claim 66 wherein if the file is newly created with an
2 automatically appended extension, then said indicator is set to hide the
3 extension of the file in the user interface.

1 68. A processing system as in claim 66 further comprising:
2 an input device coupled with said processor, said processor updating said
3 indicator in response to an input event detected by said input device.

1 69. A processing system as in claim 68 wherein the input event is that a new name
2 is specified in the user interface for the file.

1 70. A processing system as in claim 69 wherein if the new name contains no
2 extension, then said indicator is set to hide the extension of the file in the user
3 interface.

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- 1 71. A processing system as in claim 70 wherein only the filename of the file is
2 replaced by the new name so that the extension of the file is not changed.
- 1 72. A processing system as in claim 69 wherein if the new name contains no
2 extension and the extension of the file is an empty string, then said indicator is
3 set to a state that takes a minimum amount of memory to store said state.
- 1 73. A processing system as in claim 69 wherein if the new name comprising an
2 extension and a filename, then said indicator is set to show the extension of
3 the file in the user interface.
- 1 74. A processing system as in claim 73 wherein the filename of the file and the
2 extension of the file are replaced by the filename of the new name and the
3 extension of the new name.
- 1 75. A processing system as in claim 66 wherein said processor detects if a first
2 file that has a first filename and a first extension has a naming conflict with a
3 second file that has a second filename and a second extension, wherein said
4 first file has a first displayed name in the user interface and said second file
5 has a second displayed name in the user interface.
- 1 76. A processing system as in claim 75 wherein if the first displayed name is the
2 same as the second displayed name, then a naming conflict is detected.

1 78. A processing system as in claim 64 further comprising:
2 a network interface coupled to the said processor, said processor exports both
3 the filename of the file and the extension of the file to a remote system
4 when the file is transferred to the remote system through said network
5 interface.

1 80. A processing system as in claim 64 further comprising:
2 a removable memory coupled to the said processor, said processor exports
3 both the filename of the file and the extension of the file to a remote
4 system when the file is transferred to the remote system through said
5 removable memory.

1 81. A processing system as in claim 80 wherein said processor exports said
2 indicator to the remote system when the file is transferred to the remote
3 system through said removable memory.

1 82. A processing system as in claim 64 further comprising:
2 a network interface coupled to the said processor, said processor imports both
3 the filename of the file and the extension of the file from a remote
4 system when the file is transferred from the remote system through
5 said network interface.

1 83. A processing system as in claim 82 wherein said processor imports said
2 indicator from the remote system when the file is transferred from the remote
3 system through said network interface.

1 84. A processing system as in claim 64 further comprising:
2 a removable memory coupled to the said processor, said processor imports
3 both the filename of the file and the extension of the file from a remote
4 system when the file is transferred from the remote system through
5 said removable memory.

1 85. A processing system as in claim 84 wherein said processor imports said
2 indicator from the remote system when the file is transferred from the remote
3 system through said removable memory.

1 86. A processing system comprising:
2 a processor;

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3 a display device coupled to said processor, said display device displaying a
4 user interface;
5 a memory coupled to said processor, said memory storing in a file container a
6 first file which has a first extension and a first filename, said memory
7 storing in said file container a second file which has a second filename
8 and a second extension, said memory storing a first indicator that is
9 specific for said first file and that indicates the first extension is
10 displayed in the user interface in a first style using a first displayed
11 name, said memory storing a second indicator that indicates the second
12 extension is displayed in the user interface in a second style using a
13 second displayed name, said processor detects a conflict in naming the
14 first file and the second file.

1 87. A processing system as in claim 86 wherein if the first displayed name is the
2 same as the second displayed name, then a conflict is detected.

1 88. A processing system as in claim 86 wherein if the first filename and the first
2 extension are the same as the second filename and the second extension, then
3 a conflict is detected.

1 89. A method of managing file extensions in a digital processing system with a
2 user interface and a plurality of files, each file having a name that comprises a
3 filename and an extension, said method comprising:

1 90. A method as in claim 89 wherein the style is such that the displayed name
2 contains the extension of the file only when said indicator is for showing the
3 extension of the file.

1 91. A machine readable medium for use with a digital processing system which
2 has a user interface and a plurality of files, each file having a name and an
3 extension, said machine readable medium containing executable computer
4 program instructions which when executed by said digital processing system
5 causes said system to perform a method comprising:
6 associating a file with an indicator which is user selectable for a subset of files
7 in the plurality of files which have the same extension in said digital
8 processing system and which indicates how to display an extension of
9 the file;
10 displaying a displayed name of the file in the user interface in a style
11 determined by said indicator.

1 92. A medium as in claim 91 wherein the style is such that the displayed name
2 contains the extension of the file only when said indicator is for showing the
3 extension of the file.

1 93. A method of managing file extensions in a digital processing system with a
2 user interface, said method comprising:
3 associating a first file with an indicator which is user selectable for a subset of
4 a plurality of files in the digital processing system, said indicator
5 indicating that first extensions of said subset of files are displayed in a
6 user interface in a first style which is different from a second style
7 used to display at least a second file in said plurality of files, wherein
8 said second file is not in said subset and has a second extension which
9 is the same as at least one of said first extensions;
10 displaying in said first style a first displayed name of said first file in the user
11 interface.

1 94. A method as in claim 93 wherein said first style and said second style are
2 selected from a set of styles, said set of styles comprising
3 (a) showing an extension of a file being displayed; and
4 (b) hiding an extension of a file being displayed.

1 95. A method as in claim 94 further comprising:

2 storing an option, wherein said option in one state indicates that unknown
3 extensions are not extensions of files and said option on another state
4 indicates that unknown extensions are extensions of files.
5 determining an extension of a file using said option.

1 96. A machine readable medium for use with a digital processing system which
2 has a user interface and a plurality of files, said machine readable medium
3 containing executable computer program instructions which when executed by
4 said digital processing system causes said system to perform a method
5 comprising:
6 associating a first file with an indicator which is user selectable for a subset of
7 a plurality of files in the digital processing system, said indicator
8 indicating that first extensions of said subset of files are displayed in a
9 user interface in a first style which is different from a second style
10 used to display at least a second file in said plurality of files, wherein
11 said second file is not in said subset and has a second extension which
12 is the same as at least one of said first extensions;
13 displaying in said first style a first displayed name of said first file in the user
14 interface.

1 97. A media as in claim 96 wherein said first style and said second style are
2 selected from a set of styles, said set of styles comprising
3 (a) showing an extension of a file being displayed; and

